Crane Certification Barrie

Crane Certification Barrie - The Crane Certification training program includes content recommended by industry about the efficient and safe operation of cranes. People training will learn the following: how to identify cranes and their component parts; pre-operational, operational and post-operating requirements; rigging components and inspection/rejection criteria; how to determine overall lift capacity; and needs particular to the work site where the trainees will be operating.

The requirements that must be carried out prior to operating a crane such as assigning authority for the pre-operational check; performing the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the log book for comments; checking the work place for hazards and obstacles; inspecting hooks, chains, cables, safety latches and crane movement; making sure of the correct functioning of operational controls; and learning how to make certain that the disconnect switch/isolator of the crane is functioning right.

Operational requirements consist of identifying responsibilities and roles, and determining the requirement for a formal lift plan. People training will know how to carry out a danger assessment related to environmental conditions, physical circumstances and staff. Subject matter consists of determining when to seek competent help, the safest route and destination of loads, and centre of gravity and load weight.

It is very important for trainees to be able to identify an over-capacity lift, pick appropriate rigging equipment, know load limits, and determine a safe spot from which to operate. Individuals training would review both site-specific and universal crane signals for lifts, and techniques for loading, traveling and lifting. Appropriate maintenance practice would also be covered.

The individuals training will undergo an examination to test their understanding of emergency response procedures for various conditions, particularly electrical or mechanical failures. They would be asked to describe parking and shut down procedures for safety and security, to follow tagging and lock out techniques, and to explain why near misses are reported and recorded to the right person. Log book records should be maintained.

The individual training would be taught the particulars of rigging, and know the authority and responsibility for rigging. They would learn to identify the different kinds of rigging, the load capacity ratings and storage procedures.

The requirements following operation of the crane would be taught also, learning to enter the deficiencies and defects; and to log the history of service and maintenance records, based on the federal, state and provincial codes requirements.

Site-specific needs can be incorporated into the safety training program based on the employer's needs.